

Form PTO-1449 U.S. Department of Commerce
(REV. 2-82) Patent and Trademark Office

Atty. Docket No.
A34471 (072180.0108)

Serial No.
09/974,942

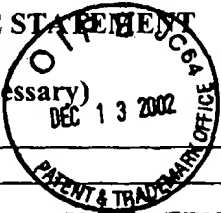
**INFORMATION DISCLOSURE STATEMENT
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(Use several sheets if necessary)

Applicant
Cho et al.

Filing Date
October 11, 2001

Group
1614-1653



U.S. PATENT DOCUMENTS

Exam. Init.	Document No.								Date	Name	Class	Subclass	Filing Date if Appropriate
US	4	6	1	5	8	8	5		10/07/86	Nakagame et al.	424	94	10/09/84
US	4	8	4	9	2	2	7		07/18/89	Cho	424	498	03/03/87
US	5	6	5	6	2	8	9		08/12/97	Cho et al.	424	455	02/16/94

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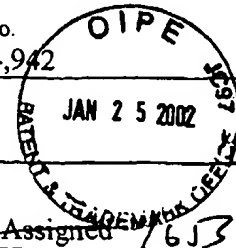
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Atty. Docket No.
A34471 (007220.0150)

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Applicant
Cho et al.

Filing Date
December 13, 2001

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*Exam. Init.	Document No.	Date	Name	Class	Subclass	Filing Date if appropriate
AM	4 6 1 5 8 8 5	10/07/86	Nakagame et al.	424	94	
AM	4 8 3 7 0 2 8	06/06/89	Allen	424	450	
AM	4 8 4 9 2 2 7	07/18/89	Cho	424	498	
AM	5 5 5 2 1 5 6	09/03/96	Burke	424	450	
AM	5 6 5 6 2 8 9	08/12/97	Cho et al.	424	455	
AM	5 6 6 5 7 0 0	09/09/97	Cho et al.	514	2	
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NY02:365308.1

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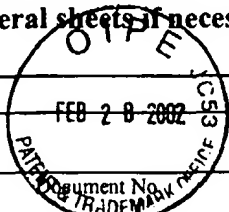
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Applicant
Cho et al.

Filing Date
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1614/653



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FOREIGN PATENT DOCUMENTS

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OTHER DOCUMENTS (including Author, Title Date, Pertinent Pages, Etc.)

Not provided	✓	Danforth et al., "Intestinal absorption of Insulin in the rat", Endocrinology 65: 118-123, 1959.
	✓	Clark et al., "Synthesis of glycerides in the mucosa of the small intestine", Nature 185: 35-37, Jan. 2, 1960.
	✓	Inouye et al., "Intestinal absorption of Insulin in the dogs", Surg Forum 13: 316-317, 1962.
	✓	Crane et al., "Absorption of Insulin from the human small intestine", Diabetes 17: 625-627, 1968.
	✓	Muranishi et al., "Enhanced intestinal permeability to macro-molecules II. Improvement of the large intestine absorption of heparin by lipid-surfactant mixed micelles in rat", International J. Pharmaceutics 4: 219-238, 1980.
	✓	Cho et al., "Oral Delivery of Insulin", Lancet 1518-1519, Dec. 23/30, 1989

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